GOVERNMENT OF INDIA
ATOMIC ENERGY
LOK SABHA

UNSTARRED QUESTION NO:2792
ANSWERED ON:30.07.2014
NUCLEAR FUEL COMPLEXES
Birla Shri Om

Will the Minister of ATOMIC ENERGY be pleased to state:

(a) the State-wise and capacity-wise number of nuclear fuel complexes set up in the country and the number of new Nuclear Fuel Complexes (NFCs) planned to be set up;

(b) the names of various places including Rawatbhata in Rajasthan where the said NFCs were to be set up along with the present status of their progress;

(c) whether the setting up of necessary infrastructure like roads for emergency exit, shelter houses, means of transport, super specialty hospitals etc. required as per the security norms needed for the said NFCs are under consideration; and

(d) if so, the status of the progress made in this regard?

Answer

THE MINISTER OF STATE FOR PERSONNEL, PUBLIC GRIEVANCES & PENSIONS AND PRIME MINISTER'S OFFICE (DR. JITENDRA SINGH):

(a) & (b) As of now two Units of Nuclear Fuel Complex (NFC) viz., one at Hyderabad, Telangana and another Unit i.e., Zirconium Complex at Pazhyakayal, Tuticorin, Tamil Nadu are functioning. NFC has a production capacity of 850 Tonnes per year (tpy) of fuel fabrication. It also manufactures various components and sub-assemblies required for Pressurised Heavy Water Reactors (PHWR) and Boiling Water Reactors (BWR). The Zirconium Complex with a capacity of 250 tpy, produces nuclear grade zirconium sponge required for fuel fabrication. In addition to the above, another new Unit of NFC with a capacity of 500 tpy fuel fabrication and 65 tpy Zircaloy Fabrication Facility (ZFF) is approved by the Cabinet on 03.03.2014 to be set-up at Rawatbhata, Rajasthan. Environmental clearance has been received for the project and actions relating to detailed engineering required for the facilities to be set up including Plant and infrastructure, have already started.

(c) & (d) Yes, Sir. Construction activity of NFC unit at Rawatbhata is yet to commence. The required necessary infrastructure would be made available while constructing NFC Unit at Rawatbhata.